



Department of Public Works

Date: December 5, 2016

Addendum # 1

Notice Inviting Bids for City of Huntington Park

Splash Pad Improvements at Salt Lake Park Project

The following modification(s) and clarification are to be included in the Notice Inviting Bids for Splash Pad Improvements at Salt Lake Park Project. This Addendum #1 and all addenda must be executed and returned with the bid submittal.

Modification(s) and Clarification:

1. APPENDIX D-LAND AND WATER CONSERATION FUNDING APPLICATION AND INFORMATION CONTAINS A SAMPLE LAYOUT OF THE PROJECT SITE AND EQUIPMENT. EXPERIENCED SPLASH PAD EQUIPMENT VENDORS AND CONTRACTORS ARE ENCOURAGED TO QUOTE THIS PROJECT.
2. SEE **Page: C-3** FOR ADDITIONAL INFORMATION REGARDING BID ITEMS.

Please sign this Addendum Sheet #1 and return as part of your bid submittal.

Company name: _____

Representative name (print): _____

Representative signature: _____ Date: _____

BID SCHEDULE					
SPLASH PAD AT SALT LAKE PARK					
ITEM	DESCRIPTION OF WORK	QTY	UNIT	UNIT COST	TOTAL COST
1	TEMPORARY CONSTRUCTION FENCING	1	LS	\$ _____	\$ _____
2	ALL DEMOLITION INCLUDING BUT NOT LIMITED TO REMOVAL AND DISPOSAL OF EXISTING TRELLIS; CONC. WALKS, CONC. POOL, AND EXISTING UTILITIES; REMOVE, PATCH, RELOCATE & REPAIR TURF & IRRIGATION SYSTEMS	1	LS	\$ _____	\$ _____
3	EXCAVATE FOR REPURPOSE/RECIRCULATION TANK, 5000 GAL MIN. SIZE FOR PROJECT (TANK FOR SUB-SURFACE OR SURFACE IRRIGATION, INFILTRATION, OR RECIRCULATION) & DEBRIS TRAP; IMPORT, INSTALL & COMPACT CLASS 2 BASE @ POOL AREA; PROCESS & COMPACT SUBGRADE TO 90% DENSITY; FINE GRADE; EXPORT & DISPOSE OF EXCESS SOIL	1	LS	\$ _____	\$ _____
4	INSTALL 6" VCP, SDR-35 SEWER LINE 8' TO 10' DEEP; INSTALL SEWER MANHOLE; INSTALL 6"X4" WYE; SAW CUT, TUNNEL UNDER EX. CONC. SIDEWALK; REPAIR EX. SPRINKLER SYS. INCLUDING TIE-IN TO SAN DIST. SEWER LINE (IF REQUIRED FOR RECIRCULATION/ REPURPOSE/OR INFILTRATION SYSTEM) COUNTY PERMITTING, PROCESSING, AND FEES ARE INCLUDED IN THIS ITEM	1	LS	\$ _____	\$ _____
5	FURNISH & INSTALL INFILTRATION SYSTEM AND PUMP AND UV SYSTEM (IF REQUIRED)	1	LS	\$ _____	\$ _____
6	DESIGN, FURNISH, & INSTALL COMPLETE TURN-KEY LAKE THEMED MULTI-TOUCH SPLASH PAD SYSTEM WITH APPROXIMATELY 19 RAIN DECK OR EQUAL WATER FEATURES (NON-CLIMBING) AND APPERTENANT FACILITIES INCLUDING REQUIRED UTILITIES OR EQUAL. ZONE MULTI-TOUCH WATER FEATURES BY AGE AND LOCATE MULTI-TOUCH POINTS (ZONE ACTIVATION TIME IS 3.5 MINUTES MAXIMUM. PROVIDE AUTOMATED CONTROLLERS THAT MAY BE ACTIVATED REMOTELY. PROVIDE MOCK-UPS OF BROOM FINISH MEDIUM, ROUGH, AND LITE CONCRETE.	1	LS	\$ _____	\$ _____
7	FURNITURE AND SHADE STRUCTURES (FIXED COST)	1	LS	\$20,000.00	\$20,000.00
8	PROVIDE & INSTALL 8' HIGH, TUBULAR STEEL (WROUGHT IRON TYPE) VANDAL RESISTANT SECURITY FENCE WITH 2 PEDESTRIAN GATES AND 1 VEHICULAR GATE (GATES NEED NOT BE LOCATED ADJACENT TO EXISTING PLAYGROUND)	300	LF	\$ _____	\$ _____
9	REMOVE DEBRIS; PREPARE SURFACE FOR LAND-SCAPING; INSTALL IRRIGATION & SOD AREA AROUND SPLASH PAD AREA. PLANT SHRUBS AGAINST WROUGHT IRON FENCING	1	LS	\$ _____	\$ _____
TOTAL BASE BID AMOUNT IN NUMBERS					\$ _____
TOTAL BASE BID AMOUNT IN WRITING _____					
ADDITIVE ALTERNATE BID ITEMS					
ADD ALT 1	DELETE ITEM 5 AND FURNISH & INSTALL IRRIGATION SYSTEM AND PUMP AND UV SYSTEM (IF REQUIRED)	1	LS	\$ _____	\$ _____
ADD ALT 2	DELETE ITEM 5 AND FURNISH & INSTALL RECIRCULATION SYSTEM AND PUMP AND UV SYSTEM (IF REQUIRED)	1	LS	\$ _____	\$ _____

The award of the contract shall be based on the total of the base bid only.	
In the case of discrepancies in the amount of bid, unit prices shall govern over extended amounts, and words shall govern over figures.	
Full compensation for the items listed to the right (Items A, B, & C) are considered as included in each and all bid Items listed in the bid schedule as applicable, and no additional and/or separate compensation will be allowed.	A. Mobilization / Demobilization
	B. Traffic Control, Public Convenience and Safety
	C. SWPPP Implementation, Erosion Control and BMP'S
The bid prices shall include any and all costs, including labor, materials, appurtenant expenses, taxes, royalties and any and all other incidental costs to complete the project, in compliance with the Bid and Contract Documents and all applicable codes and standards.	
All other work items not specifically listed in the bid schedule, but necessary to complete the work per bid and contract documents and all applicable codes and standards are assumed to be included in the bid prices.	
The City reserves the right to add, delete, increase or decrease the amount of any quantity shown and to delete any item from the contract and pay the contractor at the bid unit prices so long as the total amount of change does not exceed 25% (plus or minus) of the total bid amount for the entire project. If the change exceeds 25%, a change order may be negotiated to adjust unit bid prices.	
A bid is required for the entire work, that the quantities set forth in the Bid Schedule are to calculate total bid amount, and that final compensation under the contract will be based upon the actual quantities of work satisfactorily completed.	
USA products are preferred due to maintenance and availability.	
Specify Warranty on Labor and Materials. Minimum Warranty Requirements: <ul style="list-style-type: none"> • 25-year warranty on all commercial stainless steel above ground feature pipes and welds. • 25-year warranty on all stainless steel footing base tubing and welds. • 2-year warranty against peeling or fading on all finish coatings. • LIFETIME WARRANTY on all UHMW, PVC or Delrin spray jet housings and nozzles. • 5-year warranty on all brass, stainless steel and aluminum housings and nozzles. • 5-year warranty on all tanks and cisterns. • 2-year warranty on commercial pumps, filters, electronic controllers, solenoids, timer boxes, activators/sensors. • 2-year warranty on all commercial sanitation equipment. 	

NOTE:

SPLASHPAD ACTIVITY DECK & DRAIN LINES ARE RECOMMENDED TO HAVE A 1-2% SLOPE TO OPTIMIZE DRAINAGE.

ALL PIPING TO FEATURES ARE RECOMMENDED TO HAVE A 1-2% SLOPE FOR WINTERIZATION.

ALL LINE SIZING FROM LEGEND 1 ASSUMES A MAXIMUM DISTANCE OF 100 FEET BETWEEN THE WATER DISTRIBUTION MANIFOLD AND THE FURTHEST PLAY PRODUCT. DISTANCES ABOVE 100 FEET MAY REQUIRE AN INCREASE IN LINE SIZING. PLEASE CONTACT VORTEX.

ALL PIPING BETWEEN THE PLAYSAFE DRAIN No1, PLAY PRODUCTS, WATER CONTAINMENT SYSTEM ARE RECOMMENDED TO BE SCHEDULE 80 PVC.

LINES FROM PLAYSAFE DRAIN No1 SHALL BE 8" AND SHALL COMBINE INTO A 10" LINE. LINE ROUTING TO BE DETERMINED ON SITE BY INSTALLER.

FINAL LOCATION OF PLAYSAFE DRAIN No1 AND LINE ROUTING ARE TO BE DETERMINED BY INSTALLER

WHEN CONNECTING MULTIPLE PLAY PRODUCTS TO ONE FEEDER LINE, THE JUNCTION POINT (SPLIT OR T) SHALL BE PLACED IN THE MID POINT BETWEEN EACH PLAY PRODUCT. FAILURE TO DO SO MAY RESULT IN UNEQUAL SPRAY EFFECTS BETWEEN PLAY PRODUCTS.

WIRING FROM THE CONTROLLER TO EACH ACTIVATOR SHALL BE #14 AWG. A TOTAL OF TWO (2) CONDUCTORS PER ACTIVATOR.

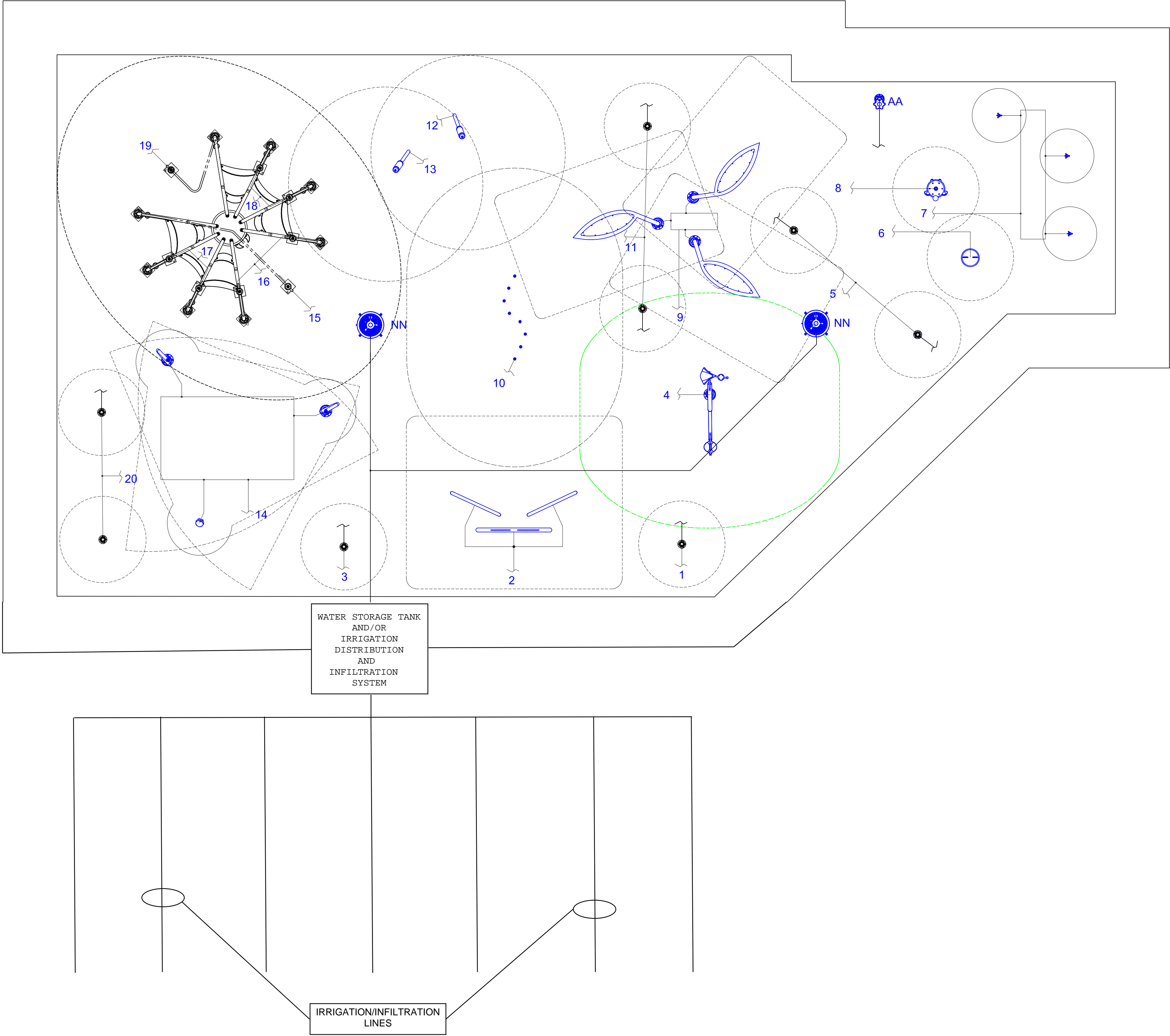
ALL CONNECTIONS TO THE CONTROLLER SHALL BE PERFORMED USING AN APPROVED NEMA 4X CONNECTOR.

ANY REQUIRED BACKFLOW DEVICE OR WATER METER ON THE CITY WATER MAIN SHALL BE PROVIDED BY INSTALLER.

DISTANCE BETWEEN THE WQMS (PUMPS, MANIFOLD, ETC) AND THE WATER CONTAINMENT SYSTEM SHALL NOT EXCEED 40 FEET.

TOTAL AREA: 5728 ft² (532m²)

SPRAY AREA: 4224 ft² (392m²)



SPLASHPAD PIPING AND ELECTRICAL DIAGRAM

CONTRACTOR SHALL COORDINATE LAYOUT
OF ALL SPRAY FEATURES AND CONCRETE EXPANSION JOINTS
TO MAINTAIN MINIMUM 4" CLEARANCE
FROM ANY JOINT

SPLASHPAD DIMENSION

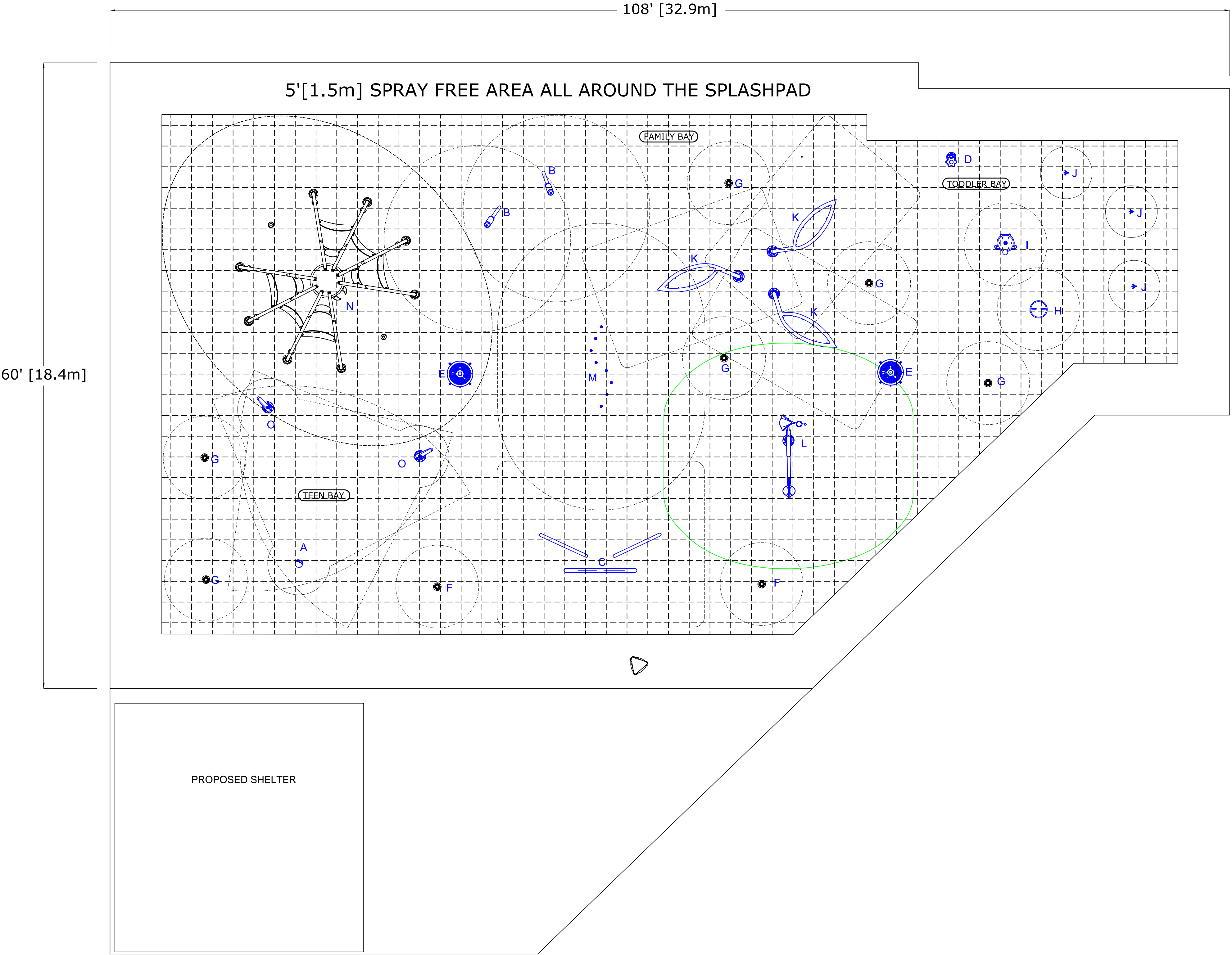
TOTAL AREA: 5728 ft² (532m²)

SPRAY AREA: 4224 ft² (392m²)

GRID DIMENSION: 2 ft x 2 ft /0.6m X 0.6m

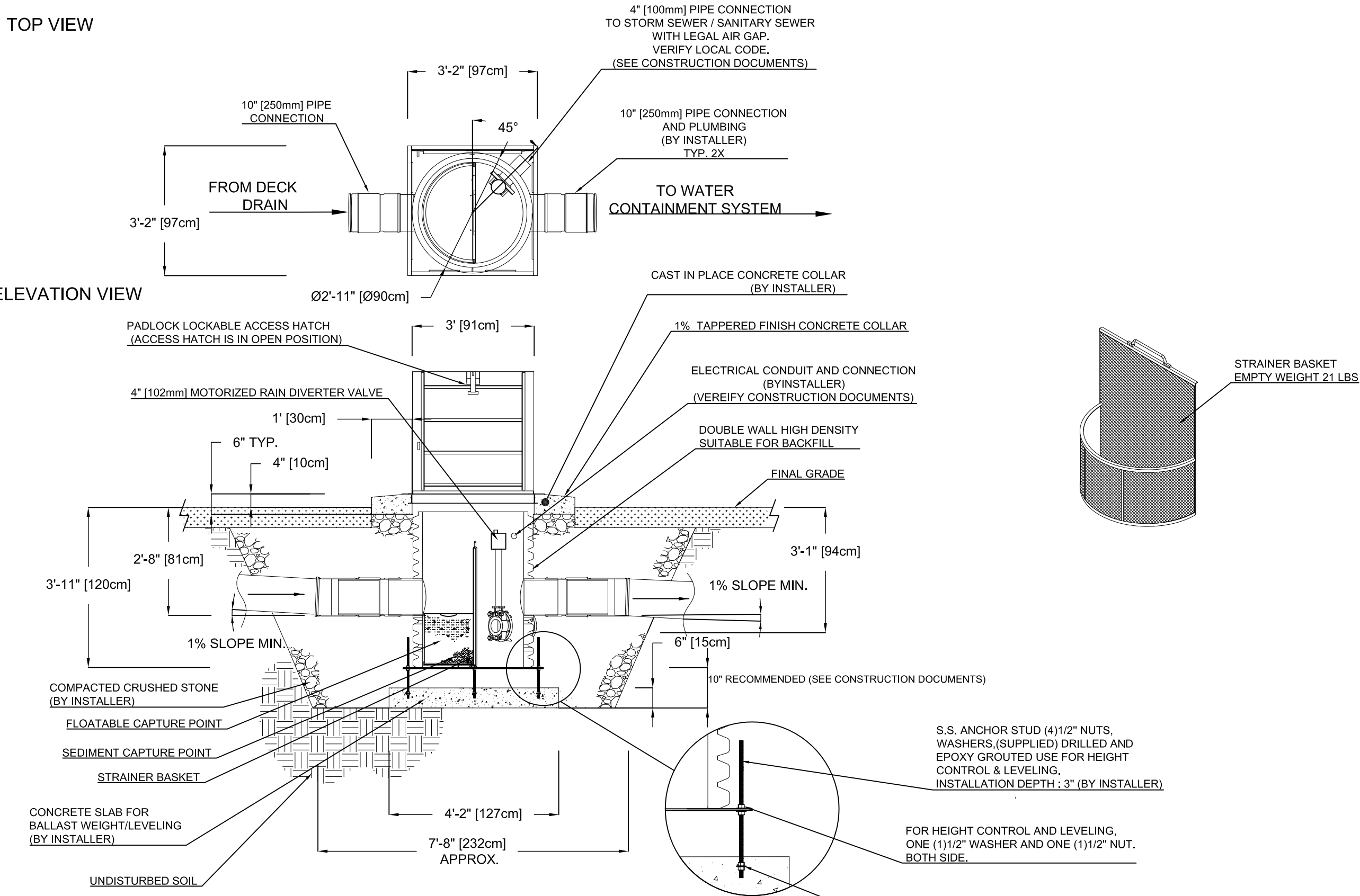
PRODUCT LEGEND

	PRODUCT CODE	QTY	TOTAL FLOW	BAY
A		1	8 Gpm 28 Lpm	Teen
B		2	50 Gpm 189 Lpm	Family
C		1	28 Gpm 104 Lpm	Family
D	Water	1	N/A	N/A
E		2	N/A	N/A
F		2	60 Gpm 227 Lpm	Family
G		6	45 Gpm 170 Lpm	Family
H	V	1	12 Gpm 43 Lpm	Toddler
I	W	1	9 Gpm 34 Lpm	Toddler
J		3	9 Gpm 34 Lpm	Family
K		3	21 Gpm 79 Lpm	Family
L		1	20 Gpm 75 Lpm	Family
M		1	40 Gpm 151 Lpm	Family
N		1	89 Gpm 335 Lpm	Family
O		2	15 Gpm 56 Lpm	Teen



SPLASHPAD SPRAY ZONE

TOP VIEW



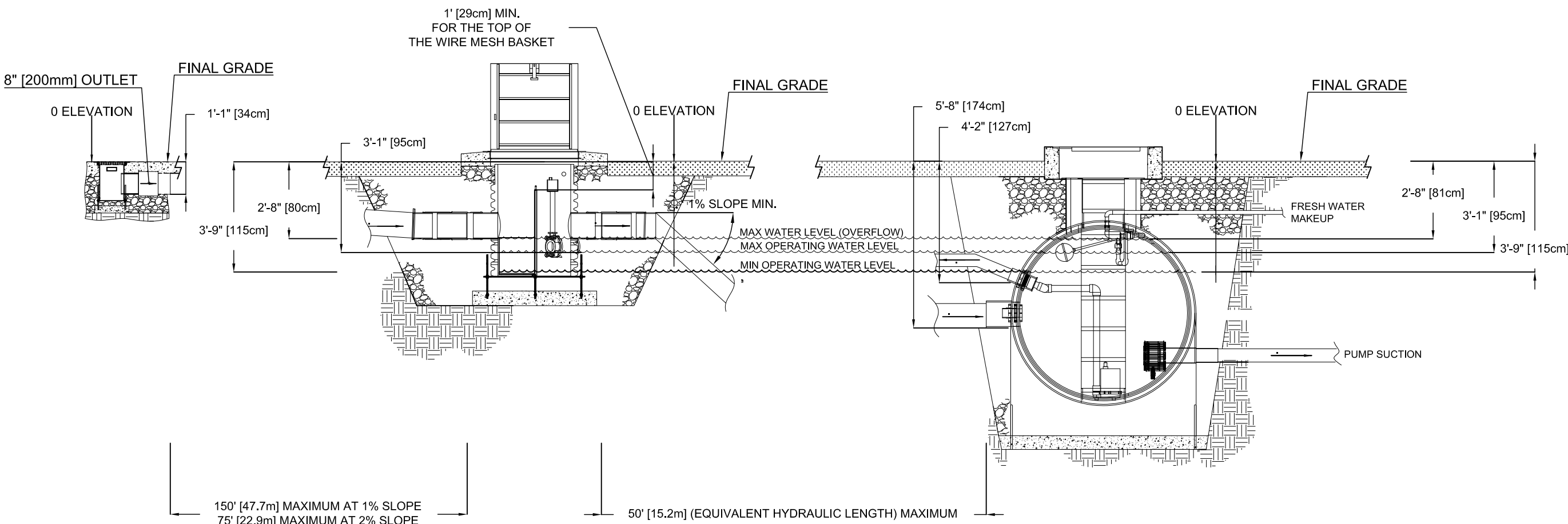
A

DEBRIS TRAP HDPE WITH RAIN DIVERTER (LEFT)

DECK DRAIN

DEBRIS TRAP

WATER CONTAINMENT SYSTEM



NOTES:
1. ALL DRAINAGE LINES ARE GRAVITY FEED. 1% SLOPE MIN, 2% SUGGESTED.

B

DEBRIS TRAP HDPE WITH RAIN DIVERTER (LEFT)